**[Figure 6—supplement 1 source data 1](http://elifesciences.org/content/1/e00109v1" \l "SD1-data) Statistics summary**

**Figure 6-S1 Intensity of JNK-P at axonal tips after treatment with epothilone B**

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| |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | wt DMSO | Shot-/-Tau-/- DMSO | WT EpoB | Shot-/-Tau-/- EpoB | | Number of values | 55 | 69 | 59 | 74 | |  |  |  |  |  | | Minimum | 0.2725 | 0.1765 | 0.4546 | 0.2365 | | 25% Percentile | 0.8135 | 0.3470 | 0.7632 | 0.5439 | | Median | 0.9827 | 0.4750 | 0.9642 | 0.7713 | | 75% Percentile | 1.192 | 0.6399 | 1.234 | 1.013 | | Maximum | 2.358 | 1.084 | 1.525 | 1.402 | |  |  |  |  |  | | Mean | 1.000 | 0.5143 | 0.9999 | 0.7770 | | Std. Deviation | 0.3045 | 0.2147 | 0.2850 | 0.3038 | | Std. Error | 0.04105 | 0.02585 | 0.03711 | 0.03532 | |  |  |  |  |  | | Lower 95% CI of mean | 0.9178 | 0.4628 | 0.9256 | 0.7066 | | Upper 95% CI of mean | 1.082 | 0.5659 | 1.074 | 0.8474 | |  |  |  |  |  | | Sum | 55.00 | 35.49 | 58.99 | 57.50 | |  |  |  |
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